Day : Monday
Date: 11/12/2007

PALM INTRANET

Time: 19:13:23

Inventor Name Search Result

Your Search was:

Last Name = VAN ZIJL
First Name = PETER

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60677769	Not Issued	159	05/04/2005	Non-invasive MRI measure of tissue perfusion using VAscular Spin Labeling (VASL)	VAN ZIJL, PETER
60995377	Not Issued	20	09/26/2007	Frequency referencing method for chemical exchange saturation transfer (CEST) MRI	VAN ZIJL, PETER C.
10319864	6943033	150	12/13/2002	MAGNETIC RESONANCE METHOD FOR ASSESING AMIDE PROTON TRANSFER EFFECTS BETWEEN AMIDE PROTONS OF ENDOGENOUS MOBILE PROTEINS AND PEPTIDES AND TISSUE WATER IN SITU AND ITS USE FOR IMAGING PH AND MOBILE PROTEIN/PEPTIDE CONTENT	VAN ZIJL, PETER C. M.
60339668	Not Issued	159	12/13/2001	Use of polymer-based gene delivery systems for molecular and cellular labeling, and pH monitoring with MR imaging and MR spectroscopy	VAN ZIJL, PETER C. M.
60650746	Not Issued	159	02/07/2005	Class of reporter genes for MRI based on chemical exchange saturation transfer (CEST)	VAN ZIJL, PETER C. M.
10319375	Not Issued	80	12/13/2002	Method for MR/NMR imaging	VAN ZIJL, PETER C.M.
10525699	Not Issued	30	02/22/2005	Microvascular blood volume magnetic resonance imaging	VAN ZIJL, PETER C.M.
11628089	Not Issued	25	11/29/2006	Quantifying Blood Volume Using Magnetization Transfer Magnetic Resonance Imaging	VAN ZIJL, PETER C.M.
60339666	Not Issued	159	12/13/2001	Magnetic resonance imaging and spectroscopic imaging of pH	VAN ZIJL, PETER C.M.

Day : Monday
Date: 11/12/2007

PALM INTRANET

Time: 19:26:35

Inventor Name Search Result

Your Search was:

Last Name = LU
First Name = HANZHANG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10525699	Not Issued	30	02/22/2005	Microvascular blood volume magnetic resonance imaging	LU, HANZHANG
10729360	7071689	150	12/04/2003	METHODS FOR MULTIPLE ACQUISITIONS WITH GLOBAL INVERSION CYCLING FOR VASCULAR-SPACE-OCCUPANCY DEPENDANT AND APPARATUSES AND DEVICES RELATED THERETO	LU, HANZHANG
60406040	Not Issued	159	08/27/2002	MRI method to detect changes in microvascular blood volume	LU, HANZHANG
60739307	Not Issued	159	11/23/2005	System, method, device and logic arrangement facilitating a non-invasive evaluation of cerebral hemodynamics	LU, HANZHANG
60430739	Not Issued	159	12/04/2002	Multiple acquisitions of magnetic resonance signal with interleaved inversion pulses to maintain the nulling of one or more species of particular longitudinal relaxation time(s) (T1)	LU, HANZHANG C.

Inventor Search Completed: No Records to Display.

Search Another: Inventor Last Name: Lu First Name: Hanzhang Search

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page

Day : Monday
Date: 11/12/2007

PALM INTRANET

Time: 19:27:42

Inventor Name Search Result

Your Search was:

Last Name = GOLAY
First Name = XAVIER

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10525699	Not Issued	30	02/22/2005	Microvascular blood volume magnetic resonance imaging	GOLAY, XAVIER
10729360	7071689	150	12/04/2003	METHODS FOR MULTIPLE ACQUISITIONS WITH GLOBAL INVERSION CYCLING FOR VASCULAR-SPACE-OCCUPANCY DEPENDANT AND APPARATUSES AND DEVICES RELATED THERETO	GOLAY, XAVIER
60406040	Not Issued	159	08/27/2002	MRI method to detect changes in microvascular blood volume	GOLAY, XAVIER
60430739	Not Issued	159	12/04/2002	Multiple acquisitions of magnetic resonance signal with interleaved inversion pulses to maintain the nulling of one or more species of particular longitudinal relaxation time(s) (T1)	GOLAY, XAVIER
60602158	Not Issued	159	08/17/2004	Use of cerebrospinal fluid as inter-subject normalization reference standard for magnetization transfer weighted imaging	GOLAY, XAVIER
60662365	Not Issued	159	03/17/2005	Magnetic resonance imaging method	GOLAY, XAVIER
09209067	6285900	150	12/10/1998	METHOD AND DEVICE FOR GENERATING A PERFUSION IMAGE OF A BODY PORTION USING MAGNETIC RESONANCE IMAGING	GOLAY, XAVIER G.
09209088	6252399	150	12/10/1998	METHOD AND DEVICE FOR MAGNETIC RESONANCE IMAGING	GOLAY, XAVIER G.

SCIRUS
for scientific information only

Enhance Your Career

About Us | Newsroom | Advisory Board | Submit Web Site | Help | Contact Us

Basic Search | Advanced Search | Search Preferences | Saved Results

Inversion AND Pulse AND Sequence AND (author:Song | Search

Journal sources | Preferred Web sources | Other Web sources | Exact phrase

Searched for:: :All of the words:**Inversion** AND **Pulse** AND **Sequence** AND (**author:Song**)

Found:: :**86 total** | **30 journal results** | **55 preferred web results** | **1 other web results**

Sort by:: :**relevance** | **date**

Save checked results | Email checked results | Export checked results

1. Multislice double inversion pulse sequence for efficient black-blood MRI.
Song, Hee Kwon / Wright, Alexander C / Wolf, Ronald L / Wehrli, Felix W , *Magnetic resonance in medicine : official journal of the Society of Magnetic Resonance in Medicine / Society of Magnetic Resonance in Medicine*, 47 (3), p.616-620, Mar 2002
...Currently, the preferred imaging **sequence** for these studies is a "black-blood...technique based on the double-**inversion** scheme to null the blood signal...the blood magnetization from **inversion** at which the signal is completely...work, a multiple-slice double-**inversion** technique is described that...

MEDLINE/PubMed Citation on PubMed

view all 6 results from MEDLINE/PubMed
similar results

2. High-resolution black-blood MRI of the carotid vessel wall using phased-array coils at 1.5 and 3 Tesla.
Anumula, Seshasailaja / Song, Hee Kwon / Wright, Alexander C / Wehrli, Felix W , *Academic radiology*, 12 (12), p.1521-1526, Dec 2005
...both field strengths with a fast spin-echo double-**inversion** black-blood **pulse sequence** with fat saturation. SNR was measured at both field...extent, the requirement for a decreased refocusing **pulse** flip angle to operate within specific absorption...

MEDLINE/PubMed Citation on PubMed

view all 6 results from MEDLINE/PubMed
similar results

3. Rapid measurement of three-dimensional diffusion tensor.
Cho, H / Ren, X-H / Sigmund, E E / Song, Y-Q , *The Journal of chemical physics*, 126 (15), p.154501, Apr 2007
...on a multiple modulation multiple echo **sequence** and utilizes static and pulsed magnetic...multiple directions simultaneously. The **pulse sequence** was optimized using a well-known linear **inversion** metric (condition number) and successfully...

MEDLINE/PubMed Citation on PubMed

view all 6 results from MEDLINE/PubMed

similar results

4. High-Resolution Black-Blood MRI of the Carotid Vessel Wall Using Phased-Array Coils at 1.5 and 3 Tesla[1]
Anumula, S. / Song, H.K. / Wright, A.C. / Wehrli, F.W. , *Academic Radiology*, 12 (12), p.1521-1526, Dec 2005
...spin-echo double-**inversion** black-blood **pulse sequence** with fat saturation...turbo spin-echo **pulse sequence** (turbo factor...preceded by a double-**inversion** preparation phase...protocol (double-**inversion** black-blood **pulse sequence** with fat saturation...
Published journal article available from ScienceDirect
view all 18 results from ScienceDirect
similar results

5. Towards improved methods for determining porous media multiphase flow functions
Xue, Song, *dissertation*, Sep 2004
...Spin-Lattice Relaxation Distri- bution from **Inversion**-Recovery Experiment 100 C...Spin-Lattice Relaxation Data of Four **Inversion**-Recovery Experi- ments, Voxel (35, 7...Spin-Lattice Relaxation Data of Four **Inversion**-Recovery Experi- ments, Voxel (30, 6...
[http://handle.tamu.edu/1969.1/434]
view all 3 results from Digital Archives
similar results

6. Towards improved methods for determining porous media multiphase flow functions
Xue, Song, *dissertation*, Sep 2004
...Spin-Lattice Relaxation Distri- bution from **Inversion**-Recovery Experiment 100 C...Spin-Lattice Relaxation Data of Four **Inversion**-Recovery Experi- ments, Voxel (35, 7...Spin-Lattice Relaxation Data of Four **Inversion**-Recovery Experi- ments, Voxel (30, 6...
[http://handle.tamu.edu/1969.1/434]
view all 3 results from Digital Archives
similar results

7. Existence of lipid microdomains in bilayer of dipalmitoyl phosphatidylcholine (DPPC) and 1-stearoyl-2-docosahexenoyl...
Song, C. / Holmsen, H. / Nerdal, W. , *Biophysical Chemistry*, 120 (3), p.178-187, Apr 2006
...relaxation times were obtained by a modified **inversion**-recovery **pulse sequence** using a composite 180^o **pulse**[43]to counteract potential problems associated...methyl group, relaxation experiments using a **pulse** program with broadband1H-decoupling and...
Published journal article available from ScienceDirect
view all 18 results from ScienceDirect
similar results

8. Magnetic resonance imaging with lateralized arterial spin labeling
Eastwood, J.D. / Holder, C.A. / Hudgins, P.A. / Song, A.W. , *Magnetic Resonance Imaging*, 20 (8), p.583-586, Oct 2002
...adiabatic fast passage **inversion** pulses. Fig. 2 Fig. 2 **Pulse sequence** diagram for the lateralized...spin labeling. shows the **pulse sequence** diagram. The effect of the first, sagittally oriented, **inversion pulse** is to invert spins in the...
Published journal article available from ScienceDirect
view all 18 results from ScienceDirect
similar results

9. Quantitative characterization of food products by two-dimensional D-T_2 and T_1-T_2 distribution functions in a static...
Hurlimann, M.D. / Burcaw, L. / Song, Y.Q. , *Journal of Colloid And Interface Science*, 297 (1), p.303-311, May 2006

...the first 90^o **pulse** and the formation...we used the **inversion**-recovery **sequence**, with CPMG detection...initial 180^o **pulse** and the following 90^o **pulse** of the CPMG **sequence**. The data analysis...the 2D Laplace **inversion**[21]to extractf...

Published journal article available from ScienceDirect

view all 18 results from ScienceDirect
similar results

10. Rapid measurement of three-dimensional diffusion tensor
H. Cho / X.-H. Ren / E. E. Sigmund / Y.-Q. Song , *The Journal of Chemical Physics*, Apr 2007
doi:10.1063/1.2717188
...multiple echo **sequence** and utilizes...simultaneously. The **pulse sequence** was optimized...well-known linear **inversion** metric (condition...this gradient **pulse** increases the...optimize the MMME **sequence**, we need to...measure for **inversion** problems. The...

Published journal article available from Scitation

view all 4 results from Scitation
similar results

11. The effect of off-resonance radiofrequency pulse saturation on fMRI contrast.
Song, A W / Wolff, S D / Balaban, R S / Jezzard, P , *NMR in biomedicine*, 10 (4-5), p.208-215, Jun 1997
...narrow bandwidth radiofrequency **pulse**, applied with a range of frequency...incorporated into a gradient echo EPI **sequence**. This application takes advantage...also collected using a nulling **inversion pulse**. The **inversion pulse** was applied before the off-resonance...

MEDLINE/PubMed Citation on PubMed

view all 6 results from MEDLINE/PubMed
similar results

12. Construction and calibration of a 50 T/m z-gradient coil for quantitative diffusion microimaging
Wright, A.C. / Bataille, H. / Ong, H.H. / Wehrli, S.L. / Song, H.K. / Wehrli, F.W. , *Journal of Magnetic Resonance*, 186 (1), p.17-25, May 2007
...dashed line). Fig. 3 **Pulse sequences** for calibration steps...delta1. Inset shows equal **pulse** areas at eachGz1after...using a PGSE imaging **sequence** and (a) the Bruker Micro2...cause of WM/GM contrast **inversion** at highb-value. Construction...

Published journal article available from ScienceDirect

view all 18 results from ScienceDirect
similar results

13. Novel NMR techniques for porous media research
Song, Y.-Q. , *Magnetic Resonance Imaging*, 21 (3), p.207-211, Apr 2003
...dimensional Laplace **inversion** that has significantly...and workstations. An **inversion** using this program typically...two-dimensional experiment and its **pulse sequence** can, in general, be...performed using the **inversion** recovery **sequence** as...

Published journal article available from ScienceDirect

view all 18 results from ScienceDirect
similar results

14. Multiple echo diffusion tensor acquisition technique
Sigmund, E.E. / Song, Y.Q. , *Magnetic Resonance Imaging*, 24 (1), p.7-18, Jan 2006
...Table 2 MEDITATE **Pulse sequence** parameters Scan G...acquired with this **pulse sequence**, termed MMME Diffusion...echoes from multiple **inversion** pulses[11] combined...echoes of the four-**pulse** MMME **sequence** to image multidimensional...

Published journal article available from ScienceDirect

view all 18 results from ScienceDirect
similar results

15. NUCLEAR MAGNETIC RESONANCE MEASUREMENTS AND METHODS OF ANALYZING NUCLEAR MAGNETIC RESONANCE DATA
VENKATARAMANAN, Lalitha / SONG, Yi-Qiao / HURLIMANN, Martin D. (SCHLUMBERGER HOLDINGS LIMITED), *PATENT COOPERATION TREATY APPLICATION*, Jan 2002
patno:WO0208795
...Figure 2 shows a magnetic field **pulse sequence** 200 that includes an **inversion** recovery **sequence** 210 followed by a CPMG **sequence** 220. The **inversion** recovery **sequence** includes a 180-degree **pulse** 212 that reverses the direction...
Full text available at patent office. For more in-depth searching go to LexisNexis
view all 50 results from Patent Offices
similar results

16. Role of Magnetic Resonance and Intravascular Magnetic Resonance in the Detection of Vulnerable Plaques
Wilensky, R.L. / Song, H.K. / Ferrari, V.A. , *Journal of the American College of Cardiology*, 47 (8), p.C48-C56, Apr 2006
...Recent advances in hardware, **pulse sequences**, and imaging approaches for plaque...techniques, such as the black-blood **pulse sequence** and the use of phased-array receiver...lesion delineation. Black-blood **pulse sequence** refers to suppression of the blood...
Published journal article available from ScienceDirect
view all 18 results from ScienceDirect
similar results

17. The behavior of diffusion eigenmodes in the presence of internal magnetic field in porous media
N. V. Lisitza / Y.-Q. Song , *The Journal of Chemical Physics*, May 2001
doi:10.1063/1.1368659
...during was measured with a reference **pulse sequence** depicted in Fig. (b) where the 180° **pulse** removes the phase modulation due to internal field. The conventional **inversion**–recovery **sequence** may also be used as the reference. An...
Published journal article available from Scitation
view all 4 results from Scitation
similar results

18. Voxelwise mapping of magnetic resonance ventilation-perfusion ratio in a porcine model by multimodality registration:...
Hasegawa, I. / Uematsu, H. / Gee, J.C. / Rogelj, P. / Song, H.K. / Nakatsu, M. / Takahashi, M. / (...) / Hatabu, H. , *Academic Radiology*, 10 (10), p.1091-1096, Oct 2003
...in the steady-state **sequence**. While no cardiac gating...intervals. For this **sequence**, the total acquisition...were acquired with an **inversion**-recovery single-shot turbo spin-echo **sequence** while the animals received...2-dimensional gradient-echo **pulse sequence** was used with...
Published journal article available from ScienceDirect
view all 18 results from ScienceDirect
similar results

19. Shape changes of the corpus callosum in abstinent methamphetamine users
Oh, J.S. / Lyoo, I.K. / Sung, Y.H. / Hwang, J. / Kim, J. / Chung, A. / Park, K.S. / (...) / Song, I.C. , *Neuroscience Letters*, 384 (1), p.76-81, Aug 2005
...three-dimensional spoiled gradient echo **pulse sequence** was used to produce 240 0.7mm-thick...1 NEX). In IR-prepared 3D SPGR **sequence**, in- and through-plane spatial...skip) as well as Fluid Attenuated **Inversion** Recovery (FLAIR) axial images...

Published journal article available from ScienceDirect
view all 18 results from ScienceDirect
similar results

☐ **20.** DIFFUSION-BASED MAGNETIC RESONANCE METHODS FOR CHARACTERIZING BONE STRUCTURE
SONG, Yi-qiao / SIGMUND, Eric E. / CHO, Hyungjoon (SERVICES PETROLIERS SCHLUMBERGER ; SCHLUMBERGER CANADA LIMITED ; SCHLUMBERGER HOLDINGS LIMITED ; SCHLUMBERGER TECHNOLOGY B.V. ; PRAD RESEARCH AND DEVELOPMENT N.V.), *PATENT COOPERATION TREATY APPLICATION*, Aug 2007
patno: WO07087494
...is a **pulse** diagram of one example of a **pulse sequence** that may be used for **pulse** field gradient measurements according...volume ratio PSVR ; [00037] HG. 14 is a **pulse** diagram of an MR imaging **sequence** for DDIF contrast containing a preparatory...
Full text available at patent office. For more in-depth searching go to LexisNexis
view all 50 results from Patent Offices
similar results

:::fast

Results Pages: [<< Prev] 1 2 3 4 5 [Next >>] back to top

Inversion AND Pulse AND Sequence AND (author:Song Search

☑ Journal sources ☑ Preferred Web sources ☑ Other Web sources ☐ Exact phrase

Downloads | Library Partners | Subscribe to News Updates | User Feedback
Advertising | Tell A Friend | Terms Of Service | Privacy Policy | Legal

Powered by FAST © Elsevier 2007

SCIRUS for scientific information only

SCIRUS Search Pop-up Blocker OFF Highlight

About Us | Newsroom | Advisory Board | Submit Web Site | Help | Contact Us

Basic Search | Advanced Search | Search Preferences | Saved Results

Changes AND Vascular AND Space AND Occupancy AN Search

Journal sources Preferred Web sources Other Web sources Exact phrase

Searched for:: :All of the words:**Changes** AND **Vascular** AND **Space** AND **Occupancy** AND **author:Lu**

Found:: :**15 total** | **5 journal results** | **7 preferred web results** | **3 other web results**

Sort by:: :**relevance** | **date**

Save checked results | Email checked results | Export checked results

1. Functional magnetic resonance imaging based on changes in vascular space occupancy.
Lu, Hanzhang / Golay, Xavier / Pekar, James J / Van Zijl, Peter C M , *Magnetic resonance in medicine : official journal of the Society of Magnetic Resonance in Medicine / Society of Magnetic Resonance in Medicine*, 50 (2), p.263-274, Aug 2003
...flow. As a consequence, **changes** in cerebral blood volume...be assessed through **changes** in the remaining extravascular...feasibility of this **vascular space occupancy** (VASO)-dependent functional...VASO. The effect of **changes** in water exchange rate...
MEDLINE/PubMed Citation on PubMed
view all 5 results from MEDLINE/PubMed
similar results

2. Retinotopic mapping in the human visual cortex using vascular space occupancy-dependent functional magnetic resonance imaging.
Lu, Hanzhang / Basso, Gianpaolo / Serences, John T / Yantis, Steven / Golay, Xavier / van Zijl, Peter C M , *Neuroreport*, 16 (15), p.1635-1640, Oct 2005
...new methodology, **vascular space occupancy** functional magnetic...of blood volume **changes** in parenchymal microvasculature...The results using **vascular space occupancy** functional magnetic...resonance imaging. **Vascular space occupancy** functional magnetic...
MEDLINE/PubMed Citation on PubMed
view all 5 results from MEDLINE/PubMed
similar results

3. Multiple acquisitions with global inversion cycling (MAGIC): a multislice technique for vascular-space-occupancy dependent fMRI.
Lu, Hanzhang / van Zijl, Peter C M / Hendrikse, Jeroen / Golay, Xavier , *Magnetic resonance in medicine : official journal of the Society of Magnetic Resonance in Medicine / Society of Magnetic Resonance in Medicine*, 51 (1), p.9-15, Jan 2004
Recently, a new fMRI technique, termed **vascular-space-occupancy** (VASO), was introduced that uses T1-based blood nulling to detect cerebral blood volume (CBV) **changes** during brain activity. However, similar to other...

MEDLINE/PubMed Citation on PubMed

view all 5 results from MEDLINE/PubMed
similar results

4. Methods for multiple acquisitions with global inversion cycling for vascular-space-occupancy dependant and apparatuses and devices related thereto
Golay, Xavier / Lu, Hanzhang / van Zijl, Peter C. M. (The Johns Hopkins University), *UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT*, Jul 2006
patno:US7071689
...cerebral blood volume (CBV) **changes** during neuronal activity was...Magnetic Resonance Imaging Based On **Changes** In **Vascular Space Occupancy**; Magn Reson Med 2003; 50:263-274...labeling (ASL) fMRI, based on **changes** in cerebral blood flow, has...
Full text available at patent office. For more in-depth searching go to LexisNexis
view all 7 results from Patent Offices
similar results

5. Methods for multiple acquisitions with global inversion cycling for vascular-space-occupancy dependant and apparatuses and devices related thereto
Golay, Xavier / Lu, Hanzhang / Zijl, Peter C.M. van, *UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION*, Feb 2005
patno:US20050030024
...cerebral blood volume (CBV) **changes** during neuronal activity was...Magnetic Resonance Imaging Based On **Changes** In **Vascular Space Occupancy**; Magn Reson Med 2003; 50:263-274...labeling (ASL) fMRI, based on **changes** in cerebral blood flow, has...
Full text available at patent office. For more in-depth searching go to LexisNexis
view all 7 results from Patent Offices
similar results

6. Hanzhang Lu [7K]
Hanzhang Lu / Shanghai Jiao Tong / Jensen, J / Chandra, R / Helpern, J, Dec 2005
...Resonance Imaging Based on **Changes** in **Vascular Space Occupancy**. Magnetic Resonance in...Multi-slice Technique for **Vascular-Space-Occupancy** Dependent fMRI. Magnetic...human visual cortex using **Vascular-Space-Occupancy** (VASO) dependent fMRI...
[http://homepages.nyu.edu/~luh04/index_utsw.html]
similar results

7. Lu , Hanzhang Lu, Hanzhang Lu [38K]
Hanzhang Lu / Lu Lab, Apr 2007
...cortex using **Vascular-Space-Occupancy** (VASO) dependent fMRI." NeuroReport...Cerebral Blood Volume using **Vascular-Space-Occupancy** (VASO) Dependent MRI." Magnetic...Resonance Imaging Based on **Changes** in **Vascular Space Occupancy**." Magnetic Resonance in Medicine...
[http://www.utsouthwestern.edu/findfac/research/0,2357,...]
similar results

8. Theoretical and experimental investigation of the VASO contrast mechanism.
Donahue, Manus J / Lu, Hanzhang / Jones, Craig K / Edden, Richard A E / Pekar, James J / van Zijl, Peter C M , *Magnetic resonance in medicine : official journal of the Society of Magnetic Resonance in Medicine / Society of Magnetic Resonance in Medicine*, 56 (6), p.1261-1273, Dec 2006
Vascular space occupancy (VASO)-dependent functional...mm(3)), the VASO signal **changes** are too large (6-7%) to...large negative VASO signal **changes** at short TR. Second, even...7-13%) cause VASO signal **changes** to become more negative...

MEDLINE/PubMed Citation on PubMed

view all 5 results from MEDLINE/PubMed
similar results

☐ **9.** Experimental measurement of extravascular parenchymal BOLD effects and tissue oxygen extraction fractions using multi-echo VASO fMRI at 1.5 and 3.0 T.
Lu, Hanzhang / van Zijl, Peter C M , *Magnetic resonance in medicine : official journal of the Society of Magnetic Resonance in Medicine / Society of Magnetic Resonance in Medicine*, 53 (4), p.808-816, Apr 2005
...of BOLD fMRI signal **changes** has predominantly employed...the recently developed **vascular space occupancy** technique, blood signals...extravascular R(2)* and its **changes** accompanying activation...total parenchymal R(2)* **changes** in BOLD fMRI, the extravascular...

MEDLINE/PubMed Citation on PubMed

view all 5 results from MEDLINE/PubMed
similar results

☐ **10.** ELIMINATION OF MR SIGNALS OF SELECTED COMPONENTS IN A TARGET AREA OF AN IMAGED OBJECT
GOLAY, Xavier / LU, Hanzhang C. / VANZIJL, Peter, C., M. (THE JOHNS HOPKINS UNIVERSITY), *PATENT COOPERATION TREATY APPLICATION*, Jun 2004
patno:WO04051288
...region located in such air **space**. The gradient field and...surrounding the air **space**. There is shown in USP:..cerebral blood volume (CBV) **changes** during neural activity 20 referred to as **Vascular-Space-Occupancy** (VASO) that uses a non-selective...
Full text available at patent office. For more in-depth searching go to LexisNexis
view all 7 results from Patent Offices
similar results

☐ **11.** MICROVASCULAR BLOOD VOLUME MAGNETIC RESONANCE IMAGING
VAN ZIJL, Peter, C., M. / LU, Hanzhang, (nmi) / GOLAY, Xavier, (nmi) (KENNEDY KRIEGER INSTITUTE ; VAN ZIJL, Peter, C., M. ; LU, Hanzhang, (nmi) ; GOLAY, Xavier, (nmi)), *PATENT COOPERATION TREATY APPLICATION*, Mar 2004
patno:WO04021028
...limited to cancer, **vascular** disorders, and the...stress tests or tests of **vascular** compliance). 1 Various...stimulation that causes **changes** in blood oxygenation...measuring the parenchymal **vascular space occupancy**, which is more sensitive...
Full text available at patent office. For more in-depth searching go to LexisNexis
view all 7 results from Patent Offices
similar results

☐ **12.** Microvascular blood volume magnetic resonance imaging
Van Zijl, Peter C.M. / Lu, Hanzhang / Golay, Xavier, *UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION*, Sep 2005
patno:US20050215881
...information pertaining to **vascular space occupancy** insofar as the...hyperventilation. Blood volume **changes** can also be induced...measured parenchymal **vascular space occupancy** ξ advantageously...than is the total **vascular** volume. **Changes** in large-vessel...
Full text available at patent office. For more in-depth searching go to LexisNexis
view all 7 results from Patent Offices
similar results

☐ **13.** CRYSTAL STRUCTURE OF FMS-LIKE TYROSINE KINASE
GRIFFITH, James Paul / BLACK, James Roger / FAERMAN, Carlos H. / SWENSON, Lovorka Lora / WYNN, Michael Andrew / LU, Fan / LIPPKE, Judith

SCIRUS for scientific information only

SCIRUS Search Pop-up Blocker OFF Highlight

About Us | Newsroom | Advisory Board | Submit Web Site | Help | Contact Us

Basic Search Advanced Search Search Preferences Saved Results

Blood AND Volume and Blood AND Oxygenation AND (. Search

Journal sources Preferred Web sources Other Web sources Exact phrase

Searched for:: :All of the words:**Blood** AND **Volume** AND **Blood** AND **Oxygenation** AND (**author:van** AND **au**

Found:: :**10 total** | **10 journal results** | **0 preferred web results** | **0 other web results**

Sort by:: :**relevance** | **date**

Save checked results | Email checked results | Export checked results

1. Quantitative assessment of blood flow, blood volume and blood oxygenation effects in functional magnetic resonance imaging
van Zijl, Peter C.M. / Eleff, Scott M. / Ulatowski, John A. / Oja, Joni M.E. / Ulu\[gcaron], Aziz M. / Traystman, Richard J. / Kauppinen, Risto A. , *Nature Medicine*, 4 (2), p.159-167, Feb 1998
doi:10.1038/nm0298-159
...159 Quantitative assessment of **blood** flow, **blood volume** and **blood oxygenation** effects in functional magnetic resonance imaging...effects of local alterations in **blood** flow, **blood volume** and **oxygenation** by nuclear magnetic resonance has stimulated...

Published journal article available from npg nature publishing group

view all 5 results from Nature Publishing Group
similar results

2. Quantitative assessment of blood flow, blood volume and blood oxygenation effects in functional magnetic resonance imaging.
van Zijl, P C / Eleff, S M / Ulatowski, J A / Oja, J M / Uluğ, A M / Traystman, R J / Kauppinen, R A , *Nature medicine*, 4 (2), p.159-167, Feb 1998
...to measure the effects of local alterations in **blood** flow, **blood volume** and **oxygenation** by nuclear magnetic resonance has stimulated...experiments show that high-resolution absolute **blood volume** images can be obtained by using hemoglobin as...

MEDLINE/PubMed Citation on PubMed

view all 4 results from MEDLINE/PubMed
similar results

3. [Quantitative assessment of blood flow, blood volume and blood oxygenation effects in functional magnetic resonance imaging]
van Zijl, P C / Ulug, A M / Eleff, S M / Ulatowski, J A / Traystman, R J / Oja, J M / Kauppinen, R A , *Duodecim; lääketieteellinen aikakauskirja*,

Did you mean?
Blood *volume l*
Oxygenation (au
author:*zill*)

Refine your se
using these ke
found in the r
cerebral blood
cerebral blood fl
cerebrovascular

Or refine usin
All of the wor
Refine

Blood oxygenat
Relax. Take a deep
We have the answ
seek.
www.RightHealth.c
Spo

114 (8), p.808-809, Jan 1998

MEDLINE/PubMed Citation on PubMed

view all 4 results from MEDLINE/PubMed
similar results

4. In Vivo Determination of Absolute Cerebral Blood Volume Using Hemoglobin as a Natural Contrast Agent: An MRI Study Using ...
Ulatowski, John A. / Oja, Joni M. E. / Suarez, Jose I. / Kauppinen, Risto A. / Traystman, Richard J. / van Zijl, Peter C. M. , *Journal of Cerebral Blood Flow & Metabolism*, p.809-817, Jul 1999
doi:10.1097/00004647-199907000-00012
...Abbreviations: BOLD, **blood-oxygenation**-level-dependent; CBV, cerebral **blood volume**; [Hbtot], total hemoglobin...Abbreviations: BOLD, **blood-oxygenation**-level-dependent; CBV, cerebral **blood volume**; [Hbtot], total hemoglobin...

Published journal article available from npg nature publishing group

view all 5 results from Nature Publishing Group
similar results

5. Graded Reduction of Cerebral Blood Flow in Rat as Detected by the Nuclear Magnetic Resonance Relaxation Time T2: A Theoretical ...
Gr??hn, Olli H. J. / Kettunen, Mikko I. / Penttonen, Markku / Oja, Joni M. E. / van Zijl, Peter C. M. / Kauppinen, Risto A. , *Journal of Cerebral Blood Flow & Metabolism*, p.316-326, Feb 2000
doi:10.1097/00004647-200002000-00013
...to indicate **blood oxygenation** level-dependent...Abbreviations: BOLD, **blood** oxygen level-dependent...cerebral **blood volume**; CCA, common...indicate **blood oxygenation** level-dependent...Abbreviations: BOLD, **blood** oxygen level-dependent...cerebral **blood volume**; CCA, common...

Published journal article available from npg nature publishing group

view all 5 results from Nature Publishing Group
similar results

6. In vivo determination of absolute cerebral blood volume using hemoglobin as a natural contrast agent: an MRI study using altered arterial carbon dioxide tension.
Ulatowski, J A / Oja, J M / Suarez, J I / Kauppinen, R A / Traystman, R J / van Zijl, P C , *Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism*, 19 (7), p.809-817, Jul 1999
...R2 = 1/T2, to quantify cerebral **blood volume** (CBV) without the need for an...phenomena better known as the **blood-oxygenation**-level-dependent (BOLD) effect...theory and, in addition, shows that **blood volume** can be quantified from the magnetic...

MEDLINE/PubMed Citation on PubMed

view all 4 results from MEDLINE/PubMed
similar results

7. Determination of Oxygen Extraction Ratios by Magnetic Resonance Imaging
Oja, Joni M. E. / Gillen, Joseph S. / Kauppinen, Risto A. / Kraut, Michael / van Zijl, Peter C. M. , *Journal of Cerebral Blood Flow &*

Metabolism, p.1289-1295, Dec 1999
doi:10.1097/00004647-199912000-00001
...imaging Abbreviations: BOLD, **blood oxygenation** level-dependent; fMRI, functional...imaging Abbreviations: BOLD, **blood oxygenation** level-dependent; fMRI, functional...achieved by focusing on the **blood oxygenation** level-dependent (BOLD) magnetic...

Published journal article available from nature publishing group

view all 5 results from Nature Publishing Group
similar results

8. Graded reduction of cerebral blood flow in rat as detected by the nuclear magnetic resonance relaxation time T2: a theoretical and experimental approach.
Gröhn, O H / Kettunen, M I / Penttonen, M / Oja, J M / van Zijl, P C / Kauppinen, R A , *Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism*, 20 (2), p.316-326, Feb 2000
...the theory using the literature values of cerebral **blood volume**, oxygen extraction ratio, and precapillary oxygen...acute hypoperfusion because of its ability to indicate **blood oxygenation** level-dependent phenomena on reduced CBF.

MEDLINE/PubMed Citation on PubMed

view all 4 results from MEDLINE/PubMed
similar results

9. Noninvasive Detection of Cerebral Hypoperfusion and Reversible Ischemia From Reductions in the Magnetic Resonance Imaging ...
Gr??hn, Olli H. J. / Lukkarinen, Jouko A. / Oja, Joni M. E. / van Zijl, Peter C. M. / Ulatowski, John A. / Traystman, Richard J. / Kauppinen, Risto A. , *Journal of Cerebral Blood Flow & Metabolism*, p.911-920, Aug 1998

doi:10.1097/00004647-199808000-00012
...caused by changes in hemoglobin **oxygenation**, which, in turn, changes the...signals to changes in cerebral **blood** flow (CBF), **blood volume** (CBV), and oxygen metabolism...increases with reducing arterial **oxygenation** fraction (Ya) or increasing...

Published journal article available from nature publishing group

view all 5 results from Nature Publishing Group
similar results

10. Spin echo bold-fMRI: a quantitative tool for brain mapping and disease diagnosis
Kauppinen, R.A. / Oja, J.M.E. / Grohn, O.H.J. / Lukkarinen, J.A. / Ulatowski, J.A. / Traystman, R.J. / van Zijl, P.C.M. , *Physiological Medicine*, 5 (1001), p.251-251, Jun 1998
...information from MRI resulted from the demonstration that **blood oxygenation** level dependent (BOLD) contrast [13 can be imaged...BOLD, as quantified by a spin echo (SE)-MRI, to **blood** flow, **blood volume**, oxygen extraction, oxygen metabolism and hemoglobin...
Published journal article available from ScienceDirect
similar results